

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:-

B.Sc.

Health Sciences HSC34: Theory of Podiatric Medicine (III)

COURSE CODE : HESC0034

UNIT VALUE : 1.00

DATE : 25-APR-03

TIME : 10.00

TIME ALLOWED : 3 Hours

**Health Sciences HSC34: THEORY OF PODIATRIC MEDICINE (III)
April 2003**

Time Allowed: 3 hours

INSTRUCTIONS TO CANDIDATES: PLEASE:

- ANSWER 5 QUESTIONS ONLY
- YOU MAY ANSWER THE QUESTIONS IN ANY ORDER, BUT ENSURE THE YOU WRITE THE NUMBER OF THE QUESTION CLEARLY IN THE LEFT HAND MARGIN
- EACH QUESTION SHOULD BE STARTED ON A NEW SHEET OF YOUR ANSWER BOOK
- WRITE LEGIBLY
- INCLUDE LARGE, CLEARLY LABELLED DIAGRAMS, AS NECESSARY
- ENSURE THAT YOUR EXAMINATION NUMBER IS WRITTEN ON EACH PAGE OF YOUR ANSWER BOOK / S
- EACH QUESTION WILL BE MARKED OUT OF 20

- 1 A 55-year-old woman presents with long-standing sero-positive rheumatoid arthritis. Her medication is 15 mg Methotrexate weekly and 10 mg of Prednisolone daily.

The photograph on the attached sheet shows the clinical features of rheumatoid arthritis present in both feet.

- a) Outline the short and long term management of this patient. (12)
- b) What are the implications of her drug therapy in the podiatric management of this case? (8)
- 2 Give an example of, and describe the symptomatic differences between both an upper motor neurone lesion and a lower motor neurone lesion. (7)
- Give an account of the aetiology, pathology and podiatric implications of ONE of your chosen examples. (13)
- 3 Shin pain can affect athletes.
Discuss the possible aetiologies of this condition. (8)
- Explain the underlying pathology of shin pain. (6)
- Describe the clinical presentation of shin pain. (6)
- Your answer should NOT discuss the range of treatments of shin pain.

TURN OVER

- HSC34
- 4 Write short notes on:
- a) atherosclerosis in the lower limb (5)
 - b) varicose veins (5)
 - c) Raynaud's disease (5)
 - d) Thrombangiitis obliterans (Buerger's disease) (5)
- 5 Describe how the aetiology of a foot ulcer should be established. (20)
- 6 Write notes on:
- a) calcaneo-valgus deformity (5)
 - b) syndactyly (5)
 - c) the Dennis Brown splint (5)
 - d) the theories of causation of congenital talipes equino-varus (5)
- 7 Give a detailed account of the factors which should be taken into consideration when planning a Foot Health Presentation (20)

END OF PAPER